

522,795

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



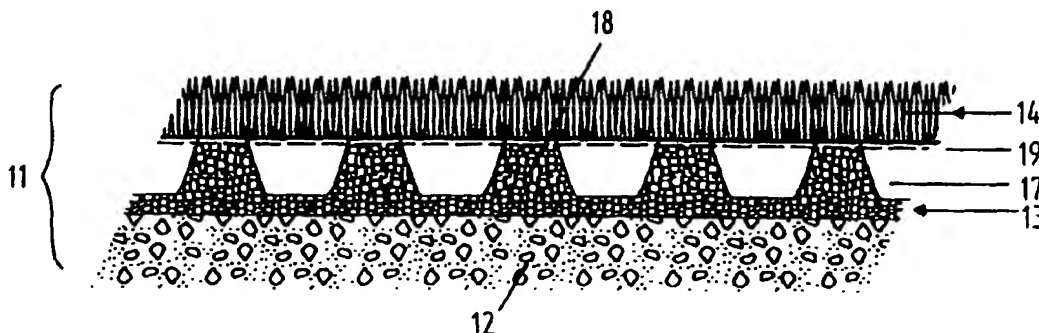
(43) International Publication Date
5 February 2004 (05.02.2004)

PCT

(10) International Publication Number
WO 2004/011724 A1

- (51) International Patent Classification⁷: **E01C 13/08**, 13/02
- (21) International Application Number:
PCT/NL2003/000542
- (22) International Filing Date: 24 July 2003 (24.07.2003)
- (25) Filing Language: Dutch
- (26) Publication Language: English
- (30) Priority Data:
1021171 29 July 2002 (29.07.2002) NL
- (71) Applicant and
(72) Inventor: **DE VRIES, Hugo** [NL/NL]; Ringdijk 430, NL-2983 GS Ridderkerk (NL).
- (71) Applicant and
(72) Inventor (*for US only*): **ROOK, Pieter** [NL/NL]; Randweg 27, NL-2983 AL Ridderkerk (NL).
- (74) Agent: **BARTELDs, Erik**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: METHOD FOR LAYING A PASSABLE SURFACE, FOR INSTANCE A PLAYING GROUND, AND SURFACE THUS FORMED



(57) Abstract: The invention relates to a method for laying a playable surface such as a playing field, comprising the steps of forming a hard substrate, arranging on the hard substrate a layer of resilient and/or damping material, and arranging a top layer on the resilient and/or damping layer, wherein during or after arranging of the hard substrate and/or the resilient and/or damping layer air chambers are formed therein. The behaviour of the playing field becomes more natural due to these air chambers, and excessive resilience and energy restitution are avoided. The air chambers can be formed for instance by creating recesses in the relevant layer from the top, or by removing material from the layer at different locations after arranging thereof, for instance by melting or biological decomposition of inclusions. The invention also relates to a playing field obtain by application of this method.

WO 2004/011724 A1